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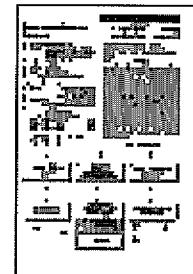
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Title: [JP58140406A2: STACKED ROTOR OF TURBO MACHINE](#)
Country: [JP Japan](#)
Kind: [A \(See also: \[JP04059442B4\]\(#\)\)](#)

Inventor: [HATTORI TOSHIO](#);

[ONISHI HIROO](#);

[KASHIWARA YASUNARI](#);

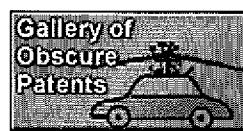
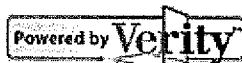
Assignee: [HITACHI LTD](#)
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Published / Filed: [1983-08-20 / 1982-02-17](#)
Application Number: [JP1982000022717](#)
IPC Code: Advanced: [F01D 5/06](#);
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Priority Number: [1982-02-17 JP1982000022717](#)
Abstract: PURPOSE: To improve resistance to relative sliding between discs against torque, by a method wherein an arrangement pitch diameter of a stack bolt tightening the multilayer discs of a turbo-machine in the first half side is changed with that in the second half side.

CONSTITUTION: Among discs 1 of a turbo-machine the first half part formed of front three stage discs having a small diameter are tightened by a stacking bolt 3' and the second half part formed of a thired stage disc and discs after that having large diameter are tightened by a stacking bolt 3" at sufficiently large bolt pitch diameter arrangement. In this manner, the second half part whose torque load is large is made to possess large torque transmission capacity.

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